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1: J Chromatogr A 2000 Aug 18;890(1):159-166

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Application of magnetite and silica-magnetite composites to the isolation of genomic DNA.

Taylor JJ, Hurst CD, Davies MJ, Sachsinger N, Bruce IJ.

Department of Chemical and Life Sciences, University of Greenwich, London, UK

Magnetite and silica-magnetite composites were used as adsorbents for the isolation of genomic DNA from maize kernels. Two methods are described for the preparation of silica-magnetite composites, both of which afford higher yields of genomic DNA than when using magnetite alone, or a commercially available kit. DNA isolated using silica-magnetite was suitable for use in further applications such as polymerase chain reaction amplification and enzyme digestion.

PMID: 10976803 [PubMed - indexed for MEDLINE]

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